

REMARKS/ARGUMENTS

Applicant would like to thank the Examiner for the careful consideration given the present application. The application has been carefully reviewed in light of the Office Action and it is respectfully submitted that the application is patentable over the art of record.

Claims 7–9 have been added.

Claims 1–3, 5, and 6 stand rejected 35 U.S.C. 103(a) as being unpatentable over Halttunen et al. (U.S. Patent No. 5,844,166) in view of Fujihira (JP 01221099 A). For at least the following reasons, the Examiner's rejection is respectfully traversed.

There is no suggestion or motivation for one skilled in the art at the time the invention was made to combine Fujihira with Halttunen to arrive at the claimed invention. Halttunen discloses that RF shielding covers interference-sensitive or interference-producing electronic circuitry, and input/output devices such as a microphone or speaker are placed on separate circuit boards outside the RF shield (col. 1, lines 43–55). In Halttunen, a RF shield 21 for a radiotelephone is made of a transparent material and is located over a circuit board (col. 4, lines 16–30). Fujihira discloses a shielding member 20 around a speaker unit 10 and an opening 24 in the shielding member 20 opposite the speaker's magnetic circuit 15 (Abstract, Fig. 1).

There is no suggestion or motivation in Halttunen to provide for ventilation holes in the RF shield. Therefore, there is no motivation to look at or use speaker shielding elements in Fujihira to modify Halttunen. The desirability of such a modification is found only in the Applicant's own description of the invention, in contrast to the requirement that the teaching or suggestion to make the modification must be found in the prior art, and not based on an Applicant's disclosure. Reconsideration and withdrawal of the rejection based upon the combination of references is respectfully requested.

Further in regards to claim 1, none of the references disclose or suggest that “the shield member includes at least one ventilation hole having a size that does not affect the shielding performance” as recited in claim 1. Similar language is found in claims 5 and 6. The Office Action acknowledges that Halttunen fails to teach these elements, but cites Fujihira as disclosing the elements (Office Action, 6/2/2005, page 3).

Fujihira discloses a shielding member 20 around a speaker unit 10 and an opening 24 in the shielding member opposite the speaker’s magnetic circuit 15 (Abstract, Fig. 1). Fujihira fails to disclose or suggest that the opening 24 is of a size that does not affect the electromagnetic shielding performance of the shield member. Therefore, even if combined, the references do not disclose or suggest all the elements of the claimed invention.

With regards to claim 5, none of the references disclose or suggest that “compressed air by the vibration of the speaker passes through the ventilation hole and propagates in a space enclosed by the shield case” as recited in claim 5. Fujihira is cited as disclosing these elements.

Fujihira discloses that an acoustic wave goes through the opening 24 of the speaker’s shielding member 20 to enter the internal space 3 of the cabinet 1(Abstract). Since the Fujihira acoustic wave goes through the opening in the speaker’s shielding member and *into the space in the cabinet*, Fujihira fails to disclose or suggest that the acoustic wave goes through the opening and propagates *in the space enclosed by the shield case*. Therefore, even if combined, the references do not disclose all the elements of the claimed invention.

With regards to new claim 7, none of the references disclose that the size of the ventilation hole is specified depending on the radio use frequency of the portable radio apparatus.

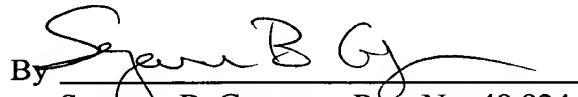
With regards to new claim 8, none of the references disclose that compressed air passes through the ventilation hole reaching the space within the shield case and allowing the space within the shield case to be used for upgrading sound quality of the speaker.

With regards to new claim 9, none of the references disclose that compressed air passes through the ventilation hole reaching the space around the shield case and allowing the space around the shield case to be used for upgrading sound quality of the speaker.

In light of the foregoing, it is respectfully submitted that the present application is in a condition for allowance and notice to that effect is hereby requested. If it is determined that the application is not in a condition for allowance, the Examiner is invited to initiate a telephone interview with the undersigned attorney to expedite prosecution of the present application.

If there are any additional fees resulting from this communication, please charge same to our Deposit Account No. 16-0820, our Order No. 34205.

Respectfully submitted,
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